

Appendix 1 - Scientific Exchange Report

Collaborative Research Projects

Regulatory mechanisms in reorganization of gills during environmental adaptation of fish.

Takashi YADA (National Research Institute of Fisheries Science) working with Stephen D. McCormick, at the University of Massachusetts Amherst from 1, April, 2005 until 31, March, 2007.

Early life ecology of abalone, *Haliotis*, in the North Pacific coasts.

Toyomitsu HORII (National Research Institute of Fisheries Science from 1, April, 2007 until 31, March, 2008) and Masami HAMAGUCHI (National Research Institute of Fisheries and Environment of Inland Sea from 11-15, June, 2007) working with Laura Rogers-Bennett, at California Department Fish & Game, Bodega Marine Laboratory.

Management of aquaculture environments by using Environmental Analysis Systems.

Katsuyuki ABO (National Research Institute of Aquaculture) with Dale Kiefer at University of Southern California, Los Angeles from 1, September, 2006 - 31, August, 2007.

Phylogeographic and genetic diversity analysis of salmon living in rivers in the North

Pacific coasts. Shoichiro YAMAMOTO (National Research Institute of Fisheries Science) with the University of Washington from 12 until 18, November, 2006.

Discovering and mapping genes influencing growth performance of the Pacific oyster

(*Crassostrea gigas*): a study aiming to develop value-added aquaculture products. Masashi

SEKINO (Tohoku National Fisheries Research Institute) in Los Angeles, California from 21, June, 2007 until 2, February, 2008

Offshore Aquaculture Technology Daisuke KITAZAWA, University of Tokyo, to NOAA headquarters in Silver Spring, Maryland visiting with Michael Rubino and the Northwest Fisheries Science Center in Manchester, Washington visiting with Michael Rust.

Fish biotechnology research. Goro YOSHIZAKI (Tokyo University of Marine Science and Technology for several weeks) and Takeshi ONUMA (Hokkaido University for three months) to the NOAA Northwest Fisheries Science Center (Seattle) working with Penny Swanson.

Meetings and Symposiums

Fifth International Symposium on Aquatic Animal Health (San Francisco)

National Research Institute of Aquaculture

Satoshi MIWA (2 - 8, September, 2006)

3rd International Symposium for Stock Enhancement (Seattle)

National Research Institute of Fisheries Science

Toyomitsu HORII (17 - 24, September, 2006)

Japan Sea National Fisheries Research Institute

Tetsuo FUJII (17 - 23, September, 2006)

National Research Institute of Aquaculture

Keiichi MUSHIAKE (16 - 24, September, 2006)

Takuma SUGAYA (16 - 24, September, 2006)

Motoyuki HARA (17 - 24, September, 2006)

National Center for Stock Enhancement

Daisuke SHIMIZU (17 - 23, September, 2006)

Yasuyuki OKOCHI (17 - 23, September, 2006)

Shigenori SUZUKI (17 - 23, September, 2006)

Yasuhiro KOHATA (17 - 23, September, 2006)

Syukei MASUMA (17 - 23, September, 2006)

Ikutaro SHIMIZU (17 - 24, September, 2006)

Meeting of North Pacific Anadromous Fish Commission (NPAFC) (Honolulu)

National Salmon Resources Center

Jiro SEKI (24 - 29, April, 2007)

Toshihiko SAITO (24 - 29, April, 2007)

Syunpei SAITO (24 - 29, April, 2007)

Hokkaido National Fisheries Research Institute

Toru NAGASAWA (24 - 29, April, 2007)

Tomonori HIGASHIYA (24 - 29, April, 2007)

Flavobacterium 2007 workshop (Shepherdstown)

National Research Institute of Aquaculture

Norihisa OHSEKO (1 - 6, May, 2007)